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Search scope: JP (bibliographic data only)

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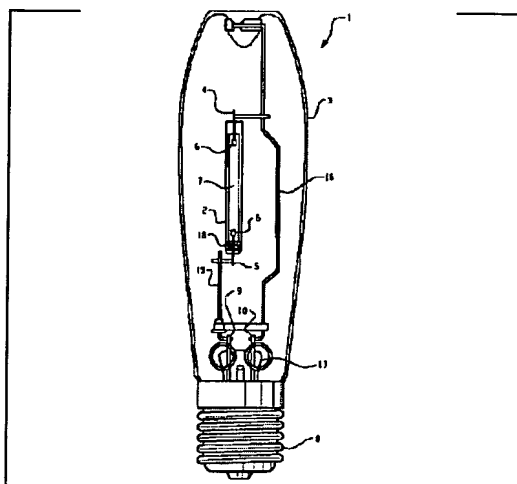
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JP2002203513 A
HIGH PRESSURE DISCHARGE LAMP
GENERAL ELECTRIC CO <GE>

Abstract:

PROBLEM TO BE SOLVED: To provide an alumina light emitting tube (PCA or sapphire) wherein a tendency of diffusion and/or bonding of sodium is reduced. **SOLUTION:** An arc discharge container in which an electrode is installed inside, and which contains encapsulated material is composed of alumina to contain following dopants in the following ratios (ppm) under conditions that it contains Y₂O₃, Sc₂O₃, Dy₂O₃, Tb₂O₃ or these mixture in 5 ppm or more. MgO: 50-1,500; HfO₂: 100-1,500; ZrO₂: 0-700; Y₂O₃: 0-300; Sc₂O₃: 0-1,000; Dy₂O₃: 0-1,000; Tb₂O₃: 0-1,000.



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Inventor(s):

SCOTT CURTIS E
JACK MACK STROKE
GRESKOVICH CHARLES DAVID

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Priority:

US 2000 707407 20001106

Patents Citing This One (1):

- WO2003059839-A1 20030724 KONINKLIJKE PHILIPS ELECTRONICS
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